

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 11262732  
PUBLICATION DATE : 28-09-99

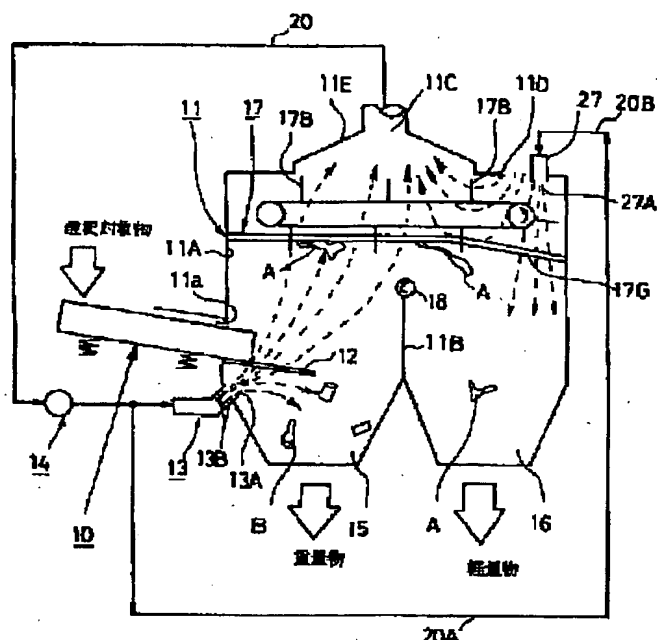
APPLICATION DATE : 17-03-98  
APPLICATION NUMBER : 10066892

APPLICANT : NIIGATA ENG CO LTD;

INVENTOR : ISHII MASANORI;

INT.CL. : B07B 4/02 B07B 9/00 B07B 11/00

TITLE : WINNOWING MEANS



**ABSTRACT :** PROBLEM TO BE SOLVED: To provide an efficient winnowing means preventing that lightweight matter enters a chute other than a lightweight matter chute by the adhesion of waste refuse or dust to a screen and capable of certainly removing the lightweight matter bonded to the screen on the lightweight-matter chute and capable of being used continuously over a long time.

**SOLUTION:** The air suction port 11C of a blower 14 supplying air to an air jet nozzle 13 is formed on the air flow downstream side of a bar screen 17 and a solid excluding air jet nozzle 27 ejecting air to a solid excluding part 17G is disposed in the vicinity of the solid excluding part 17G on the air flow downstream side of the bar screen 17. The opening part 1D constituted so as to communicate with the outside and allowing the open air to flow to the air suction port 11C is disposed in the vicinity of the solid excluding part 17G on the downstream side of air flow of the bar screen 17.

**COPYRIGHT:** (C)1999,JPO